DevOpsSchool

Course curriculum · November 2026

AZURE · TRAINING PROGRAM

Master in Azure Kubernetes Service Course

A practical, hands-on Master in Azure Kubernetes Service Course curriculum: 82 topics over 3 days. Learn live online in a small batch, as a private corporate batch, or self-paced with one year of LMS access.

LIVE ONLINE **Max 8-10 hours**	CORPORATE **Private team batch, on demand**	SELF-PACED VIDEO **1-year LMS access**
BATCH SIZE **Max 10 learners**	NEXT BATCHES **1st of every month · weekends: first Saturday**	CERTIFICATE **Verifiable certificate of completion**

INSIDE THIS CURRICULUM

Who should attend	Objectives, audience, prerequisites
Agenda	82 topics over 3 days
Formats and fees	Live, self-paced, corporate
Trainer and reviews	Rajesh Kumar
Enrolment	Batches, payment, contacts

WHY DEVOPSSCHOOL

- Rated 4.6 on Google
- 1,500+ verifiable certificates issued in the public registry
- Trainer Rajesh Kumar: 20 years in industry
- Small batches: max 10 learners, every session recorded

Course page: www.devopsschool.com/courses/azure/azure-kubernetes-service.html
Talk to us: WhatsApp +91 99057 40781 · +1 (469) 756-6329 · contact@DevOpsSchool.com · reply within 1 hour

COURSE FIT

Who this program is for

Use this page to decide whether Master in Azure Kubernetes Service Course matches your role and experience.

1

Objectives

Understand the core concepts and usage model, apply practical workflows through examples and guided tasks, and prepare for implementation, certification or team adoption.

2

Who should attend

Developers, DevOps engineers, administrators, SREs, security engineers, platform teams, release teams, technical leads and corporate teams working with this topic.

3

Before you start

Basic computer literacy and awareness of software, operations, cloud, DevOps or security workflows is helpful. Deep programming experience is not needed unless the topic requires it.

AGENDA AT A GLANCE · 82 TOPICS OVER 3 DAYS

Day 1

30 topics · Concepts

Day 2

22 topics · Cluster operations

Day 3

30 topics · Configure networking

AGENDA · 82 TOPICS OVER 3 DAYS

Master in Azure Kubernetes Service Course agenda

Days are for corporate (day-wise) delivery; live online batches cover the agenda in max 8-10 hours.

DAY 1

30 topics

1. Concepts
2. Clustersand workloads using AKS
3. Accessand identity using AKS
4. Security using AKS
5. Networking using AKS
6. Storage using AKS
7. Scale using AKS
8. Create an AKS Cluster
9. Use the Azure CLI
10. Use the Azure portal
11. Use a Resource Manager template
12. Prepare application for AKS
13. Create container registry
14. Create Kubernetes cluster
15. Run application
16. Scale application
17. Update application
18. Upgrade cluster
19. Best practices
20. Overview
21. For cluster operators
22. Multi-tenancy and cluster isolation
23. Basic scheduler features
24. Advanced scheduler features
25. Authentication and authorization
26. Cluster security
27. Container image management
28. Networking
29. Storage
30. Business continuity (BC) and disaster recovery (DR)

DAY 2

22 topics

31. Cluster operations
32. Create an AKS cluster
33. Scale an AKS cluster
34. Upgrade an AKS cluster

35. Process node OS updates
36. Delete an AKS cluster
37. Integrate ACR with an AKS cluster
38. Create virtual nodes
39. Use the Azure CLI
40. Use the Azure portal
41. Use Virtual Kubelet
42. Use Cluster Autoscaler
43. Use Availability Zones
44. Use multiple node pools
45. Deploy AKS with Terraform
46. Use the Kubernetes dashboard
47. Configure datavolumes
48. Azure Disk - Dynamic
49. Azure Disk - Static
50. Azure Files - Dynamic
51. Azure Files - Static
52. NFS Server - Static

DAY 3 30 topics

53. Configure networking
54. Create or use existing virtual network
55. Use kubenet
56. Use Azure-CNI
57. Create an internal load balancer
58. Use a Standard Load Balancer
59. Use astatic IP address
60. Ingress
61. Create a basic controller
62. Use HTTP application routing
63. Use internal network
64. Use TLS with your own certificates
65. Use TLS with Let's Encrypt
66. Use a dynamic public IP address
67. Use astatic public IP address
68. Egress traffic
69. Customize CoreDNS
70. Security and authentication
71. Limitaccess to cluster configuration file
72. Secure pod traffic with network policies
73. Use pod security policies

74. Define API server authorized IP ranges
75. Control deployments with Azure Policy
76. Update cluster service principal credentials
77. Restrictand control cluster egress traffic
78. Enable Azure Active Directory integration
79. Use the Azure CLI
80. Use the Azure portal
81. Use Kubernetes RBAC with Azure AD integration
82. Authenticate with ACR

HOW YOU CAN LEARN

Formats and fees

The same agenda in three formats. Fees are in Indian rupees as of November 2026; the course page shows them in your currency.

FORMAT	DURATION	WHAT YOU GET	FEE
Live & interactive (online)	Max 8-10 hours	Instructor-led public batch of max 10 learners with demos, labs, Q&A and assignment review. Weekday batches start on the 1st of every month, weekend batches on the first Saturday of every month.	**INR 34,999**
Self-paced video	1-year LMS access	This program plus 20+ more courses and 50+ tools, at your own pace.	**INR 833/month** billed yearly at INR 9,996
Corporate	Planned with your team	A private batch for your team, on demand, with examples mapped to your platforms. 1:1 training is also available on demand.	**Quote on request**

ASSESSMENT AND CERTIFICATE

Your progress is checked through hands-on tasks and assignments. On completion you receive a DevOpsSchool certificate of completion with a unique credential ID that anyone can verify at devopsschool.com/certificates.

INCLUDED WITH EVERY LIVE BATCH

- Every live session is recorded and stays in your LMS for a year.
- Can't attend your batch? Move to next month's batch.
- Free demo class before you pay.
- Free 10-15 minute call with an advisor or the trainer to check the course fits you.

YOUR TRAINER

Learn from Rajesh Kumar

Principal Architect, trainer and mentor in DevOps, SRE, DevSecOps and platform engineering, with 20 years across 8+ software MNCs, including Staff DevOps/SRE Engineer for a leading Japanese mobile-payment platform and Principal DevOps Architect and Manager in Europe.

Profile: www.rajeshkumar.xyz · Videos: youtube.com/@TheDevOpsSchool

20 years in industry	**200+** corporate trainings
10,000+ engineers mentored	**70+** organisations coached

REVIEWS

What learners say

Rated 4.6 on Google · more reviews at devopsschool.com/testimonials and in our video testimonials.

> “Rajesh is very good trainer. Rajesh was able to resolve our queries and question effectively. We really liked the hands-on examples covered during this training program.”
>
> Indrayani, India

> “The training was very useful and interactive. Rajesh helped develop the confidence of all.”
>
> Abhinav Gupta, Pune

START YOUR TRAINING

Join the next batch

Weekday batches start on the 1st of every month and weekend batches on the first Saturday of every month, with max 10 learners each. Corporate and 1:1 batches run on demand. We reply within 1 hour.

Pay by UPI, credit and debit cards, net banking or PayPal. Before you pay, read our refund policy. All courses: www.devopsschool.com/courses/

ENROL OR RESERVE A SEAT
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